

## EAST Search History

| Ref # | Hits | Search Query         | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|----------------------|--|------------------|---------|------------------|
| L1    | 1248 | thermal adj bend     | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/09/11 13:57 |
| L2    | 906  | 1 and "347"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/09/11 13:58 |
| S1    | 628  | (347/42).CCLS.       | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2007/08/31 14:02 |
| S2    | 274  | (347/13).CCLS.       | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2007/09/07 01:21 |
| S3    | 645  | (347/49).CCLS.       | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2007/08/31 14:06 |
| S4    | 1285 | 347/50               | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/08/31 14:07 |
| S5    | 576  | 347/58               | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/08/31 14:07 |
| S6    | 645  | 347/59               | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/08/31 14:07 |

## EAST Search History

|     |         |                           |   |    |    |                  |
|-----|---------|---------------------------|---|----|----|------------------|
| S7  | 129513  | support adj frame         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/31 14:07 |
| S8  | 708887  | integrated adj circuit    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/31 14:07 |
| S9  | 114070  | electrical adj conductors | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/31 14:08 |
| S10 | 28608   | mount\$3 adj element      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/31 14:08 |
| S11 | 1407847 | clamp\$3                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/31 14:09 |
| S12 | 2484    | S7 and S8                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/31 14:09 |
| S13 | 701     | S9 and S10                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/31 14:09 |
| S14 | 24      | S12 and S13               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/31 14:09 |

## EAST Search History

|     |        |                          |   |    |     |                  |
|-----|--------|--------------------------|---|----|-----|------------------|
| S15 | 24     | S11 and S14              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/31 14:09 |
| S16 | 22     | S15 and silverbrook      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/31 23:10 |
| S17 | 569    | (347/41).CCLS.           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/02 17:31 |
| S18 | 301067 | support adj member       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/02 17:32 |
| S19 | 709312 | integrated adj circuits  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/02 17:33 |
| S20 | 472638 | lower adj surface        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/02 17:33 |
| S21 | 2770   | distribution adj members | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/02 17:33 |
| S22 | 864560 | upper adj surface        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/02 17:33 |

## EAST Search History

|     |         |                     |   |    |    |                  |
|-----|---------|---------------------|---|----|----|------------------|
| S23 | 1278086 | adhesive            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/02 17:33 |
| S24 | 1597    | laminated adj stack | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/02 17:34 |
| S25 | 4329864 | layers              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/02 17:34 |
| S26 | 1311620 | apertures           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/02 17:34 |
| S27 | 7636    | S18 and S19         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/02 17:34 |
| S28 | 359     | S20 and S21         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/02 17:34 |
| S29 | 117093  | S22 and S23         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/02 17:35 |
| S30 | 1051    | S24 and S25         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/02 17:35 |

## EAST Search History

|     |     |                     |   |    |     |                  |
|-----|-----|---------------------|---|----|-----|------------------|
| S31 | 114 | S27 and S28         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/02 17:35 |
| S32 | 164 | S29 and S30         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/02 17:35 |
| S33 | 16  | S31 and S32         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/02 17:35 |
| S34 | 16  | S26 and S33         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/02 17:35 |
| S35 | 16  | S34 and silverbrook | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/02 17:36 |
| S36 | 628 | (347/42).CCLS.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/02 17:36 |
| S37 | 274 | (347/13).CCLS.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/02 17:36 |
| S38 | 645 | (347/49).CCLS.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/02 17:36 |

## EAST Search History

|     |      |                          |   |    |     |                  |
|-----|------|--------------------------|---|----|-----|------------------|
| S39 | 9451 | filter adj manufactur\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/03 13:18 |
| S40 | 1676 | (347/43).CCLS.           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/03 13:19 |
| S41 | 1178 | (347/65).CCLS.           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/03 22:18 |
| S42 | 1222 | (347/40).CCLS.           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/03 13:18 |
| S43 | 2096 | (347/68).CCLS.           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/03 13:19 |
| S44 | 4660 | small adj nozzles        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/03 14:20 |
| S45 | 1242 | large adj nozzles        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/03 14:20 |
| S46 | 0    | ("dye").PN.              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/03 14:20 |

## EAST Search History

|     |      |                   |   |    |     |                  |
|-----|------|-------------------|---|----|-----|------------------|
| S47 | 0    | ("005and6").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/03 14:21 |
| S48 | 0    | ("005and6").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/03 14:21 |
| S49 | 406  | S44 and S45       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/03 14:23 |
| S50 | 4548 | pigment adj black | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/03 14:22 |
| S51 | 16   | S49 and S50       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/03 14:22 |
| S52 | 594  | (347/10).CCLS.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/03 14:22 |
| S53 | 447  | (347/11).CCLS.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/03 14:22 |
| S54 | 787  | (347/12).CCLS.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/03 14:22 |

## EAST Search History

|     |        |                     |   |    |     |                  |
|-----|--------|---------------------|---|----|-----|------------------|
| S55 | 1311   | (347/15).CCLS.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/03 22:18 |
| S56 | 4033   | dither adj matrix   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/07 01:22 |
| S57 | 11110  | continuous adj tone | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/07 01:22 |
| S58 | 651868 | overlapp\$3         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/07 01:22 |
| S59 | 137194 | interpolat\$3       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/07 01:22 |
| S60 | 726    | S56 and S57         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/07 01:23 |
| S61 | 17761  | S58 and S59         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/07 01:23 |
| S62 | 27     | S60 and S61         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/07 01:38 |

## EAST Search History

|     |        |                        |   |    |     |                  |
|-----|--------|------------------------|---|----|-----|------------------|
| S63 | 1048   | (358/1.2).CCLS.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/07 01:39 |
| S64 | 5293   | (358/1.9).CCLS.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/07 01:39 |
| S65 | 265    | (358/3.23).CCLS.       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/07 01:39 |
| S66 | 1677   | (347/43).CCLS.         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/09 13:49 |
| S67 | 332    | (347/36).CCLS.         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/09 13:51 |
| S68 | 598641 | recovery               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/09 13:51 |
| S69 | 3432   | liquid adj recovery    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/09 13:51 |
| S70 | 95     | S69 and "347"/\$.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/09 14:35 |

## EAST Search History

|     |      |                 |   |    |     |                  |
|-----|------|-----------------|---|----|-----|------------------|
| S71 | 1220 | 347/30          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/09 14:37 |
| S72 | 1303 | 347/23          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/09 14:37 |
| S73 | 3742 | 347/19          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/09 14:39 |
| S74 | 1259 | 347/5           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/09 14:39 |
| S75 | 1729 | 347/7           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/09 14:40 |
| S76 | 1727 | 347/9           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/10 13:20 |
| S77 | 2    | ("7001011").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/10 14:00 |
| S78 | 2    | ("7156508").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/10 18:57 |

## EAST Search History

|     |         |                                     |   |    |    |                  |
|-----|---------|-------------------------------------|---|----|----|------------------|
| S79 | 14695   | ink adj (channels or passages)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10 18:58 |
| S80 | 2719909 | substrate or wafer                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10 18:58 |
| S81 | 916952  | resistors or (heating adj elements) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10 18:59 |
| S82 | 7740    | S79 and S80                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10 18:59 |
| S83 | 3449    | S81 and S82                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10 18:59 |
| S84 | 2801    | S83 and "347"/\$.ccls.              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10 18:59 |
| S85 | 1596    | S84 and etch\$3                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10 19:00 |
| S86 | 1523    | S85 and nozzles                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10 19:00 |

## EAST Search History

|     |      |                |   |    |    |                  |
|-----|------|----------------|---|----|----|------------------|
| S87 | 59   | S86 and 347/43 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11 11:42 |
| S88 | 4701 | hermanson      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11 11:43 |
| S89 | 65   | S88 and 347/43 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11 13:57 |